

In the Claims

- 1 23.(canceled)
- 2 24.(canceled)
- 3 25.(canceled)
- 4 26.(canceled)
- 5 27.(canceled)
- 6 28.(canceled)
- 7 29.(canceled)
- 8 30.(canceled)
- 9 31.(canceled)
- 10 32.(canceled)
- 11 33.(canceled)
- 12 34.(canceled)

1 35.(new) A composition comprising an insect food and an insecticidal effective amount of a
2 *Rhodobacter capsulatus* bacteria, where the insecticidal effective amount is sufficient to reduce or
3 kill an insect population when the composition is ingested by insects in the insect population or
4 taken to a nest for subsequent ingestion by insects in the insect population resulting in insect death
5 after ingestion.

1 36.(new) The composition of claim 35, wherein the insecticidal effective amount comprises
2 from about 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 37.(new) The composition of claim 35, wherein the insects are selected from the group
2 consisting of cockroaches, fire ants, carpenter ants, and termites.

1 38.(new) The composition of claim 35, wherein the bacteria are viable, non-viable, or mixtures
2 thereof.

1 39.(new) The composition of claim 35, wherein the insect food comprises a carbohydrate and
2 insects are selected from the group consisting of cockroaches and fire ants.

1 40.(new) The composition of claim 39, wherein the insect food comprises at least 60 wt.%
2 carbohydrate.

1 41.(new) The composition of claim 35, wherein the insect food comprises a cellulosic material
2 and the insects are selected from the group consisting of carpenter ants and termites.

1 42.(new) A insecticidal composition comprising a treating amount of a bait including an insect
2 food and an insecticidal effective amount of a *Rhodobacter capsulatus* bacteria, where the treating
3 amount of the bait is sufficient to treat an insect population and where the insecticidal effective
4 amount of the *Rhodobacter capsulatus* bacteria is sufficient to reduce or kill an insect population,
5 when the bait is ingested by insects in the insect population or taken to a nest for subsequent
6 ingestion by insects in the insect populations resulting in insect death after ingestion.

1 43.(new) The composition of claim 42, wherein the insects are selected from the group
2 consisting of cockroaches, fire ants, carpenter ants, and termites.

1 44.(new) The composition of claim 42, wherein the bacteria are viable, non-viable, or mixtures
2 thereof.

1 45.(new) The composition of claim 42, wherein the treating amount is about 5 grams of the
2 composition per insect population to be treated

1 46.(new) The composition of claim 42, wherein the insecticidal effective amount is from about
2 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 47.(new) The composition of claim 42, wherein the treating amount is about 5 grams of the
2 composition per insect population to be treated and the insecticidal effective amount is from about
3 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 48.(new) The composition of claim 42, wherein the insect food comprises a carbohydrate and

insects are selected from the group consisting of cockroaches and fire ants.

49.(new) The composition of claim 48, wherein the insect food comprises at least 60 wt.% carbohydrate.

50.(new) The composition of claim 42, wherein the insect food comprises a cellulosic material and the insects are selected from the group consisting of carpenter ants and termites.

51.(new) A insecticidal composition comprising a treating amount of a bait including an insect food and an insecticidal effective amount of an extract of a *Rhodobacter capsulatus* bacteria, where the extract is derived from non-viable, ruptured, dehydrated bacterial material, where the treating amount of the bait is sufficient to treat an insect population and where the insecticidal effective amount of the extract of the *Rhodobacter capsulatus* bacteria is sufficient to reduce or kill an insect population, when the bait is ingested by insects in the insect population or taken to a nest for subsequent ingestion by insects in the insect populations resulting in insect death after ingestion.

52.(new) The composition of claim 51, wherein the insects are selected from the group consisting of cockroaches, fire ants, carpenter ants, and termites.

53.(new) The composition of claim 51, wherein the bacteria are viable, non-viable, or mixtures thereof.

54.(new) The composition of claim 51, wherein the treating amount is at least about 5 grams of the composition per insect population to be treated

55.(new) The composition of claim 51, wherein the insecticidal effective amount is an extract from about 5×10^9 to about 1×10^{13} bacteria per gram of a bacterial containing material.

56.(new) The composition of claim 51, wherein the treating amount is about 5 grams of the composition per insect population to be treated and the insecticidal effective amount is an extract from about 5×10^9 to about 1×10^{13} bacteria per gram of a bacterial containing material.

1 57.(new) The composition of claim 51, wherein the insect food comprises a carbohydrate and
2 insects are selected from the group consisting of cockroaches and fire ants.

1 58.(new) The composition of claim 57, wherein the insect food comprises at least 60 wt.%
2 carbohydrate.

1 59.(new) The composition of claim 51, wherein the insect food comprises a cellulosic material
2 and the insects are selected from the group consisting of carpenter ants and termites.